

Amendments to the Claims:

The claims have not been amended by this Amendment. However, a listing of the claims is provided below as a courtesy to the Examiner.

Listing of the Claims:

Claim 1 (Previously Presented): A system for remodeling a mitral valve annulus, comprising:

a delivery catheter;

an implant, detachably carried by the delivery catheter, the implant reversibly movable between a first, flexible configuration for delivery to a site adjacent the annulus of the mitral valve and a second, rigid configuration for remodeling the mitral valve annulus; and

a control on the catheter for reversibly transforming the implant between the first flexible configuration and the second remodeling configuration.

Claim 2 (Previously Presented): A system as in claim 1, wherein the implant comprises an arc when in the remodeling configuration.

Claim 3 (Previously Presented): A system as in claim 2, wherein a best fit constant radius curve corresponding to the arc has a radius within the range of from about 10 mm to about 20 mm.

Claim 4 (Previously Presented): A system as in claim 2, wherein the implant comprises a compound curve when in the remodeling configuration.

Claim 5 (Previously Presented): A system as in claim 4, wherein the compound curve comprises a "w" configuration.

Claim 6 (Previously Presented): A system as in claim 1, further comprising a coating on the implant.

Claim 7 (Previously Presented): A system as in claim 1, further comprising an anchor for retaining the implant at a deployment site.

Claim 8 (Previously Presented): A system as in claim 7, wherein the anchor comprises a distal extension of the implant.

Claim 9 (Previously Presented): A system as in claim 7, wherein the anchor comprises a friction enhancing surface structure for engaging adjacent tissue.

Claim 10 (Previously Presented): A system as in claim 7, wherein the anchor comprises at least one barb for piercing the wall of the vessel.

Claim 11 (Previously Presented): A system as in claim 10, wherein the barb is moveable between an axial orientation and an inclined orientation.